MMS

Media Management System

Main functionalities

- Ingest of Media Contents

- Digital Asset Management

- Editing/processing functionalities

- Workflow management

- Transcoding engine

- Multiple interfaces

- Recording application

Ingest of Media Contents

■ Live Stream Cloud Ingest (UDP, RTP, SRT, HTTP HLS, ecc)

■ Direct HD SDI Ingest

■ H264, H265, …

■ Format agnostic

■ Multi resolution ingest

■ Live-VOD scalability: unlimited

■ Editing/Export/Publishing of Media Contents

Upload Media Content

Load Media Content by	✓ Uploading the file	Title	title
Choose or drag and drop the media content	+ Choose	File name	
		Tags	tags
		Unique name	unique name
			retention
		Retention	3d

Reset   Ingest Media Content into MMS

MMS | Media Management System

Digital Asset Management

■ Management of Video, Audio, Images

■ Search of media contents by Title, Tag, Description, …

■ User Data can be associated to any Media Content

■ Media contents are organized in Workspaces (Media Storages)

■ A Workspace can be shared with other Users
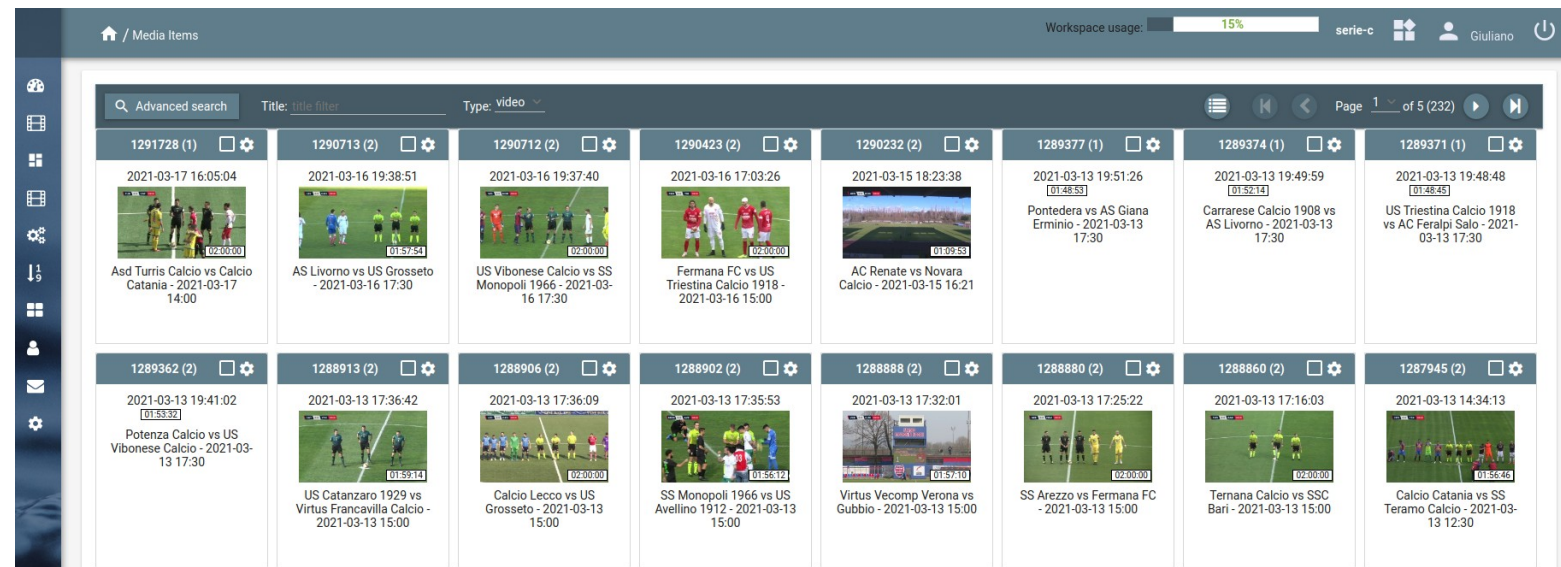
Editing/processing functionalities

- Video-Audio Cut and Concat (Frame Accurate)

- Image crop

- Face detection (ex: thumbnails generation) and learning

- Face recognition

- Audio extraction/Processing

- Video-Audio Slow Down

- Video Slide show

- Picture in Picture

- Overlay of image-text

- Live Mosaic

- Live Proxy

- Change file format

- Frame extraction/Processing

- Count-down video creation

- Motion JPEG

- Media Cross References

- POST on Facebook

- POST on YouTube

- FTP delivery

- HTTP callback

- Email-notification
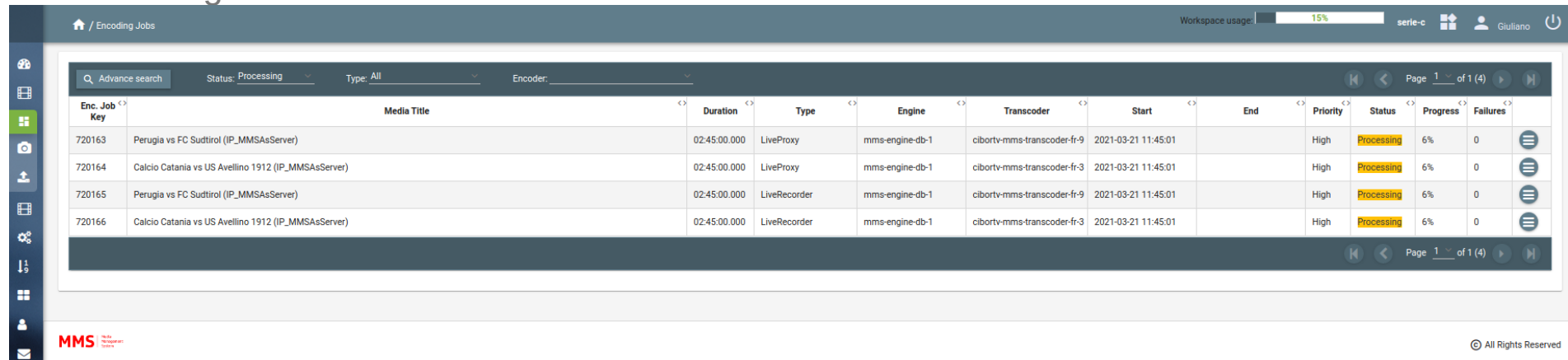
Workflow management

- Workflow defined by the user

- Library of predefined Task

- Task Library can be extendable

- Parallel execution of multiple Workflows

- Management of synchronous and asynchronous Tasks

- Definition of Workflows by API

- Definition of Workflows by Web Interface
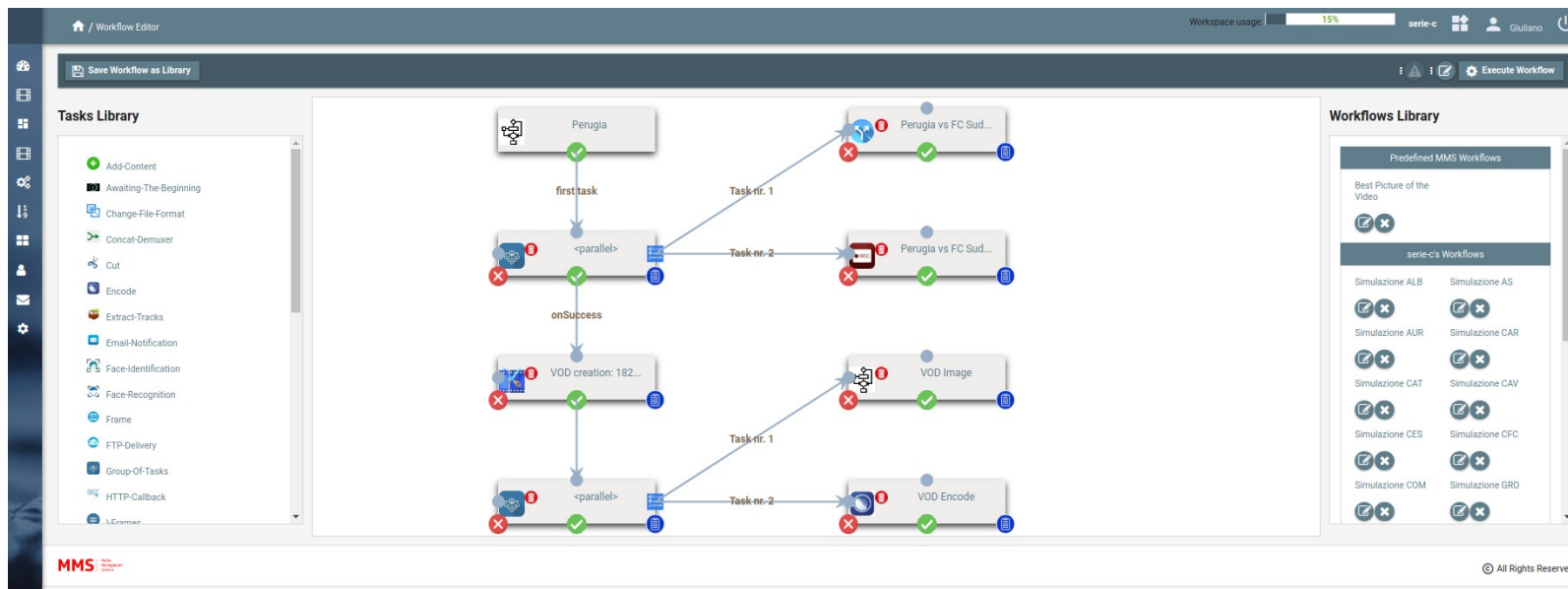
Transcoding engine

- ffmpeg used by default

- Possible integration with third party transcoders

- H264/H265/… Input/Output

- MXF OP1a Input (necessaria licenza per Output)

- Management of array of transcoders

- Management of encodings by priorities

- Load balancing of Transcoders

Multiple interfaces

- REST API: integration of all MMS functionalities

- Java MMS REST API Library

- Java MMS Workflow Library

- Secure Content delivery (token by path or parameter, TTL, max retries)

- Users' rights management (integration with Active Directory available)

- WEB interface

Recording application

- Easy way to record IP live feed (UDP, RTP, SRT, HTTP HLS, ecc)

- Preview of each recording

- VOD available during the recording up to 10 seconds from real time

- Scheduling of recording